

**TABLE 1: Characteristics of Michigan Residents Living with HIV or AIDS
as of April 1, 2006**

	Estimate of HIV Prevalence ¹	Estimated Prevalence Rate ²	Reported Living with AIDS ³		Reported Living with HIV not AIDS ³	
			Number	Percent ⁴	Number	Percent ⁴
MICHIGAN TOTAL	16,200	163	6,226	100%	5,956	100%
SEX						
Male	12,430	255	4,922	79%	4,427	74%
Female	3,770	74	1,304	21%	1,529	26%
BEHAVIOR						
Male-Male Sex	7,470	N/A	3,046	49%	2,575	43%
Injecting Drug Use ⁴	2,130	N/A	900	14%	704	12%
IDU w/ heterosexual	1,000	N/A	419	7%	336	6%
IDU w/o heterosexual	1,130	N/A	481	8%	368	6%
Male-Male Sex/IDU	750	N/A	312	5%	252	4%
Blood Products	160	N/A	77	1%	44	1%
Heterosexual ⁵	2,150	N/A	800	13%	818	14%
Partner IDU	650	N/A	242	4%	244	4%
Partner Bisexual	120	N/A	37	1%	52	1%
Partner Rec'd Bld	50	N/A	20	0%	20	0%
Partner HIV +	1,330	N/A	501	8%	502	8%
Perinatal	190	N/A	39	1%	106	2%
Undetermined/Other	Not Applicable	N/A	1,052	17%	1,457	24%
Presumed Heterosexual ⁶	Not Applicable	N/A	833	13%	1,029	17%
Other ⁷	Not Applicable	N/A	219	4%	428	7%
AGE AT DIAGNOSIS						
0 -12 years	200	11	35	1%	118	2%
13 -19 years	410	41	66	1%	244	4%
20 -24 years	1,520	236	318	5%	827	14%
25 -29 years	2,340	357	709	11%	1,049	18%
30 -34 years	3,090	437	1,189	19%	1,133	19%
35 -39 years	3,150	400	1,349	22%	1,022	17%
40 -44 years	2,440	301	1,114	18%	723	12%
45 -49 years	1,500	204	707	11%	419	7%
50 -54 years	890	141	426	7%	242	4%
55 -59 years	380	78	177	3%	110	2%
60 -64 years	170	45	85	1%	43	1%
65 years and over	100	8	51	1%	23	0%
Unknown	Not Applicable	N/A	0	0%	3	0%
RACE / ETHNICITY						
White, Non-Hisp.	5,790	74	2,274	37%	2,079	35%
Black, Non-Hisp.	9,440	673	3,633	58%	3,464	58%
Hispanic	590	182	250	4%	195	3%
Asian	70	39	30	0%	26	0%
American Indian	50	94	12	0%	27	0%
Unspecified/Other	Not Applicable	N/A	27	0%	165	3%

* See Technical Notes for footnotes to Table 1.

**TABLE 2a: Michigan Residents Reported Living with HIV or AIDS by County, as of 4/1/06
and Residents Ever Diagnosed with AIDS, 1981 to Present**

Residence at Time of Diagnosis	Estimate of HIV Prevalence ¹	Estimated Prevalence Rate ²	Persons Living with AIDS ³	Persons Living with HIV not AIDS ³	Persons Ever Diagnosed with AIDS
Total Michigan	16,200	163.0	6,226	5,956	14,487
Alcona	10	----	0	0	3
Alger	10	----	1	0	1
Allegan	90	85.2	39	28	78
Alpena	10	----	1	1	8
Antrim	10	----	5	3	10
Arenac	10	----	1	1	4
Baraga	10	----	4	2	8
Barry	30	52.9	13	7	25
Bay	70	63.5	21	30	54
Benzie	10	----	0	1	2
Berrien	280	172.4	106	94	201
Branch	10	----	1	9	13
Calhoun	120	87.0	45	43	110
Cass	40	78.3	12	15	21
Charlevoix	20	76.7	5	7	7
Cheboygan	10	----	4	1	6
Chippewa	10	----	3	4	6
Clare	20	64.0	4	7	8
Clinton	50	77.2	15	19	28
Crawford	10	----	2	0	4
Delta	20	51.9	7	5	9
Dickinson	10	----	1	0	5
Eaton	60	57.9	17	23	35
Emmet	10	----	4	3	8
Genesee	590	135.3	193	226	451
Gladwin	10	----	5	1	7
Gogebic	10	----	0	1	7
Grand Traverse	60	77.3	21	24	39
Gratiot	10	----	3	3	9
Hillsdale	10	----	3	5	15
Houghton	10	----	4	2	8
Huron	10	----	2	0	8
Ingham	490	175.4	145	199	350
Ionia	20	32.5	10	4	21
Iosco	10	----	1	2	2
Iron	10	----	0	0	2
Isabella	30	47.4	9	10	21
Jackson	150	94.7	49	60	104
Kalamazoo	340	142.5	115	125	250
Kalkaska	10	----	2	3	5
Kent	890	155.0	325	301	699
Keweenaw	10	----	0	0	0
Lake	10	----	6	3	11
Lapeer	30	34.1	12	10	22
Leelanau	10	----	4	0	14
Lenawee	50	50.6	18	20	39
Livingston	50	31.9	17	17	37
Luce	10	----	0	0	1

**TABLE 2b: Michigan Residents Living with HIV or AIDS by County, as of 4/1/06
and Residents Ever Diagnosed with AIDS, 1981 to Present**

Residence at Time of Diagnosis	Estimate of HIV Prevalence ¹	Estimated Prevalence Rate ²	Persons Living with AIDS ³	Persons Living with HIV not AIDS ³	Persons Ever Diagnosed with AIDS
Total Michigan	16,200	163.0	6,226	5,956	14,487
Mackinac	10	-----	1	0	2
Macomb	630	79.9	232	216	537
Manistee	20	81.5	8	4	12
Marquette	30	46.4	6	12	20
Mason	20	70.7	8	4	11
Mecosta	20	49.3	5	8	14
Menominee	10	-----	0	3	4
Midland	30	36.2	15	8	30
Missaukee	10	-----	1	3	3
Monroe	60	41.1	28	17	65
Montcalm	20	32.6	11	6	24
Montmorency	10	-----	3	0	4
Muskegon	140	82.3	44	52	98
Newaygo	20	41.8	10	5	22
Oakland	1,810	151.6	642	634	1,337
Oceana	10	-----	4	4	9
Ogemaw	10	-----	1	1	3
Ontonagon	10	-----	1	1	1
Osceola	10	-----	2	2	8
Oscoda	10	-----	0	1	2
Otsego	10	-----	5	4	9
Ottawa	120	50.4	47	35	105
Presque Isle	10	-----	1	1	3
Roscommon	20	78.5	9	3	15
Saginaw	200	95.2	67	73	172
Sanilac	20	44.9	7	4	14
Schoolcraft	10	-----	0	1	2
Shiawassee	30	41.8	13	7	22
St. Clair	100	60.9	31	43	83
St. Joseph	40	64.1	15	10	35
Tuscola	10	-----	3	4	11
Van Buren	60	78.7	23	22	46
Washtenaw	550	170.3	194	193	398
Wayne	1,600	144.2	627	501	1,390
City of Detroit	6,940	729.6	2,594	2,306	6,574
Wexford	10	-----	5	5	7
PRISONS ⁴	750	N/A	308	442	618
UNKNOWN	10	N/A	0	2	1

1. This estimate includes all persons living with HIV or AIDS, including those not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10.
2. Rates are calculated per 100,000 population in 2000. Rates are unreliable for counties with the minimum estimated prevalence of 10, and are therefore not listed.
3. Includes reports of HIV infection or AIDS that contain patient name or are otherwise unduplicated.
4. The category PRISONS includes those persons who were in prison at the time of their HIV or AIDS diagnosis.

Table 3: Michigan Residents Reported Living with HIV or AIDS: Sex by Race by Behavior

MALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Male-Male Sex	2,844	75%	2,526	50%	171	50%	80	37%	5,621	60%
Injecting Drug Use	172	5%	736	15%	47	14%	12	6%	967	10%
Male-Male Sex/IDU	221	6%	320	6%	16	5%	7	3%	564	6%
Blood Recipient	75	2%	18	0%	1	0%	4	2%	98	1%
Heterosexual	92	2%	342	7%	31	9%	8	4%	473	5%
Perinatal	14	0%	59	1%	1	0%	4	2%	78	1%
Undetermined/Other	365	10%	1,008	20%	74	22%	101	47%	1,548	17%
<i>Presumed Heterosexual</i>	234	6%	737	15%	61	18%	33	15%	1,065	11%
<i>Other</i>	131	3%	271	5%	13	4%	68	31%	483	5%
MALE TOTAL	3,783	(40%)	5,009	(54%)	341	(4%)	216	(2%)	9,349	100%
FEMALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Injecting Drug Use	108	19%	503	24%	18	17%	8	11%	637	22%
Blood Recipient	12	2%	10	0%	1	1%	0	0%	23	1%
Heterosexual	297	52%	773	37%	55	53%	20	28%	1,145	40%
Perinatal	11	2%	48	2%	6	6%	2	3%	67	2%
Undetermined/Other	142	25%	754	36%	24	23%	41	58%	961	34%
<i>Presumed Heterosexual</i>	120	21%	635	30%	21	20%	21	30%	797	28%
<i>Other</i>	22	4%	119	6%	3	3%	20	28%	164	6%
FEMALE TOTAL	570	(20%)	2,088	(74%)	104	(4%)	71	(3%)	2,833	100%
GRAND TOTAL	4,353	36%	7,097	58%	445	4%	287	2%	12,182	100%

TECHNICAL NOTES

HIV Prevalence Estimate for Michigan

MDCH estimates that there are up to 16,200 HIV-infected persons (including those with AIDS) living in Michigan. This estimate includes all persons living in Michigan at diagnosis of HIV or AIDS, including those not reported or not yet diagnosed. It is supported by national estimates of HIV infection and rate of new AIDS diagnoses and deaths. Categorical estimates of HIV prevalence are calculated from the distribution of reported cases among each group of confidentially reported persons living with HIV or AIDS.

Footnotes for Table 1:

1. This estimate includes all persons living in Michigan at diagnosis of HIV or AIDS, including those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. The formula used to gain these estimates was updated October 2003 and January 2004 so that numbers are only rounded at the end of the estimate calculation and so that cases with no identified risk are no longer part of the equation. This may result in minor variations when compared to past estimates.
2. Rates are calculated per 100,000 population in 2000.
3. Includes reports that contain patient name or are otherwise unduplicated.
4. The IDU risk category is further sub-divided to indicate the number and percentage of persons who also had a sexual partner who is considered to be a "high risk" heterosexual, (i.e., partner is an IDU, a bisexual male (for females), a recipient of HIV infected blood or blood products or a person who is known to be infected with HIV).
5. The heterosexual category includes only those persons with "high risk" heterosexual partners as defined in footnote 5.
6. This subset of undetermined includes persons who had heterosexual sex but their partner(s) risk is unknown. This includes unconfirmed exposures in the healthcare setting (1).
7. Includes persons with confirmed exposure in the health care setting (2) and pediatric cases with probable sexual mode of transmission (3).